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TITLE : RUST-PREVENTIVE COATING RESIN COMPOSITION

ABSTRACT : PURPOSE: To provide the titled resin compsn. having improved properties as rust-preventive coating, such as water resistance, resistance to wet heat, adhesion, drying and rust preventive properties, etc., prepd. by using a specified phosphate compd. as one component of raw material for alkyd resin.

CONSTITUTION: The resin compsn. contains (A) a reaction product consisting of 92.0~99.99wt% raw material for alkyd resin having an excess hydroxyl group ratio of 3~25% and an oil length of 40~75% (e.g. soya bean oil fatty acid, phthalic anhydride, ethylene glycol, etc.) and 8.0~0.01wt% 2-hydroxyethyl (meth) acryloyl phosphate and (B) additives for coating. Many of rust-preventive coatings consisting of ordinary alkyd resin depend upon rust preventive pigment such as iron oxide rather than upon alkyd resin for their rust preventive action and require surface treatment of substrate. Thus high rust-preventive effect could not be expected because of poor water resistance, wet heat resistance and adhesion. Addition of compd. (B) eliminates these deficiencies and a high performance rust- preventive coating is obtained.

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-schon bei Herrn Naoyuki

L) Abstract m. t. nicht anerkannt